

### **REMARKS**

Claim 1 has been amended. Claim 2 has been cancelled without prejudice. Claims 1 and 3-6 are pending in the application. Support for the amendments can be found in the specification and claims as filed. Accordingly, the amendments do not constitute the addition of new matter. Reconsideration of the application in view of the foregoing amendments and following comments is respectfully requested.

### **Claim Rejection - 35 U.S.C. § 102**

The Office Action rejected claims 1-6 under 35 U.S.C. §102(b) as being anticipated by Tanaka et al. (US 5,515,051). This rejection is respectfully traversed.

“A claim is anticipated **only if each and every element as set forth in the claim is found**, either expressly or inherently described, in a single prior art reference.” Verdegaal Bros. V. Union Oil Co. of California, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053(Fed. Cir. 1987). “The identical invention must be **shown in as complete detail** as is contained in the ...claim.” Richardson v. Suzuki Motor Co., 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989). (MPEP 2131)

Amended claim 1 recites a wireless human input device comprising: at least one wireless human transmitting unit, generating different leading signals (emphasis added) and data signals, and transmitting said signals; and a wireless human receiving unit, receiving all the leading signals for identifying said wireless human transmitting unit and receiving the data signal corresponding to the leading signals; wherein the leading signals have preceding waveform signals with different waveform lengths for identifying said wireless human transmitting unit (emphasis added).

As recited in amended claims 1, the wireless human transmitting units generate different leading signals. The leading signals have preceding waveform signals with different waveform lengths for identifying the wireless human transmitting units. For example, the leading signal 1111 generated by the wireless mouse transmitting unit includes a waveform signal 1111A with a wavelength of 300  $\mu$ S, while the leading signal 1113 generated by the wireless keyboard

transmitting unit includes a waveform signal 1113A with a wave length of 700  $\mu$ S. The wireless human receiving unit 13 can distinguish the two data packets according to the difference between the waveform signal 1111A and the waveform signal 1113A. (Page 3, line 24 - Page 4, line 10) Accordingly, the wireless human receiving unit 13 can distinguish the wireless human transmitting units according to the different wavelengths of preceding waveform signals in the leading signals.

However, Tanaka fails to disclose the leading signals have preceding waveform signals with different waveform lengths for identifying the wireless human transmitting units. In particular, Tanaka discloses that plural transmitters can communicate with an appropriate receiver by setting ID codes for the plurality of receivers. (Column 2, line 65-66) Tanaka also discloses that the transmitter and receiver having the same unique ID code, for example FFH, can communicate with each other. (Column 3, line 13-17) Therefore, the receiver has to convert the signals into the ID code numbers rather than just identifying the wavelengths of the signals.

Since Tanaka fails to teach all the features of claim 1 of the present application, the novel features of claim 1 produce new and unexpected results and hence are unobvious and patentable over the prior art Tanaka.

Claims 3-6 depend from independent claim 1, and these claims add further limitations thereto. Thus, claims 3-6 of the present application are also novel and unobvious over the prior art of record. Accordingly, Applicant respectfully submits that the rejections under 35 U.S.C. §102(b) should be withdrawn.

### **Conclusions**

For all of the above reasons, applicants submit that the specification and claims are now in proper form, and that the claims define patentably over the prior art. Therefore applicant respectfully requests issuance for this case at the Examiner's earliest convenience.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

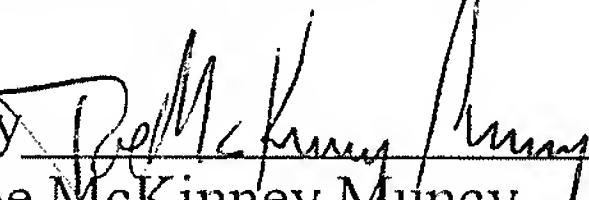
Application No. 10/797,192  
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If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

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Respectfully submitted,

By 

Joe McKinney Muncy

Registration No.: 32,334

BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road

Suite 100 East

P.O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000

Attorney for Applicant